Journal of Non-Crystalline Solids 100 (1988) 547–550
North-Holland, Amsterdam

AUTHOR INDEX

Adachi, T. and S. Sakka, Sintering of silica gel derived from the alkoxysilane solution containing N,N-dimethylformamide 100 (1988) 250
Aegerter, M., see Lours 100 (1988) 207
Aegerter, M., see Craievich 100 (1988) 424
Aegerter, M.A., see Ziemath 100 (1988) 211
Aegerter, M.A., see Mohallem 100 (1988) 526
Aerts, R., see Papanikolau 100 (1988) 247
Aoki, M., see Mori 100 (1988) 523
Arfsten, N., see Lintner 100 (1988) 378
Asami, M., see Makishima 100 (1988) 321

Babonneau, F., see Sanchez 100 (1988) 65
Beier, W., A.A. Göktas and G.H. Frischat, Thin SiO_2–TiO_2–ZrO_2 films from alkoxide solutions 100 (1988) 531
Bertoluzza, A., see Guglielmi 100 (1988) 292
Bovier, C., see Quinson 100 (1988) 231
Breval, E., see Deng 100 (1988) 364
Brinker, C.J., Hydrolysis and condensation of silicates: effects on structure 100 (1988) 31
Butts, D.I., W.C. LaCourse and S. Kim, Influence of sol and substrate chemistry on the formation of sol–gel derived coatings 100 (1988) 514

Carturan, G., see Guglielmi 100 (1988) 16
Cerqua, K.A., J.E. Hayden and W.C. LaCourse, Stress measurements in sol–gel films 100 (1988) 471
Chen, A. and P.F. James, Amorphous phase separation and crystallization in a lithium silicate glass prepared by the sol–gel method 100 (1988) 353
Cheng, J. and D. Wang, Structural transformation of the TiO_2–SiO_2 system gel during heat-treatment 100 (1988) 288
Chow, T.Y., see Yamada 100 (1988) 316
Colombo, P., see Maddalena 100 (1988) 461
Craievich, A., see Lours 100 (1988) 207
Craievich, A., D.I. dos Santos, M. Aegerter, T. Lours and J. Zarzycki, Structural study of fractal silica humid gels 100 (1988) 424

Dal Maschio, R., see Sorarù 100 (1988) 440
Deng, Z., E. Breval and C.G. Pantano, Colloidal sol/gel processing of ultra-low expansion TiO_2/SiO_2 glasses 100 (1988) 364
Dislich, H., see Lintner 100 (1988) 378
Dos Santos, D.I., see Lours 100 (1988) 207
Dos Santos, D.I., see Craievich 100 (1988) 424
Dumas, J., see Quinson 100 (1988) 231
Duran, A., J.M. Fernandez Navarro, P. Mazon and A. Joglar, Coloured coatings containing mixed transition metal oxides 100 (1988) 494

Fagnano, C., see Guglielmi 100 (1988) 292
Fernandez Navarro, J.M., see Miranda Salvado 100 (1988) 330
Fernandez Navarro, J.M., see Ferreira Da Silva 100 (1988) 447
Fernández Navarro, J.M., see Villegas 100 (1988) 453
Fernandez Navarro, J.M., see Duran 100 (1988) 494
Ferreira Da Silva, M.G. and J.M. Fernandez Navarro, Colour of silicate sol–gel glasses containing CuO 100 (1988) 447
Fricke, J., Aerogels – highly tenuous solids with fascinating properties 100 (1988) 169
Frischat, G.H., see Beier 100 (1988) 531
Fukuoka, M., see Tsuchiya 100 (1988) 284

Gallo, T.A. and L.C. Klein, Effect of dehydration on the viscosity of sol–gel processed silica 100 (1988) 429
Galy, J., see Mosset 100 (1988) 339
Gautier-Luneau, I., see Mosset 100 (1988) 339
Göktas, A.A., see Beier 100 (1988) 531
González-Oliver, C.J.R., M. Schneider, K. Nawata and H. Kusano, Porous silicate beads by gelation 100 (1988) 274
Guglielmi, M. and G. Carturan, Precursors for sol–gel preparations 100 (1988) 16
Guglielmi, M., G. Scarinci, N. Maliavski, A. Bertoluzza, C. Fagnano and M.A. Morelli, SiO_2 gel-glasses prepared from alkoxide, colloidal and amine-silicate solutions, a comparison 100 (1988) 292
Guglielmi, M., see Sorarù 100 (1988) 440
Guglielmi, M., see Maddalena 100 (1988) 461

Hara, K., T. Inazumi and T. Izumitani, Application of sol–gel derived silica films containing a methyl radical to a slab laser 100 (1988) 490
Hasegawa, I. and S. Sakka, Influence of the type of alkyl group on hydrolysis and polycondensation of tetraalkoxysilane 100 (1988) 201
Hayden, J.E., see Cerqua 100 (1988) 471
Henry, M., see Sanchez 100 (1988) 65
Hirano, S. and K. Kato, Formation of

$LiNbO_3$ films by hydrolysis of metal alkoxides 100 (1988) 538
Hirao, K., see Tanabe 100 (1988) 388
Hirashima, H., S. Kamimura, R. Muratake and T. Yoshida, Preparation and physical properties of amorphous V_2O_5 containing TiO_2, Na_2O or Li_2O 100 (1988) 394
Hishikura, H., see Kawaguchi 100 (1988) 220
Hishikura, H., see Iura 100 (1988) 241
Horiguchi, M., see Shibata 100 (1988) 269
Horihata, T., see Yamada 100 (1988) 316
Hou, L. and H. Scholze, Characterization and chemical durability of $70Ph_2SiO \cdot 30TiO_2$ coating prepared by the sol–gel process 100 (1988) 418

Ikeda, Y., see Tohge 100 (1988) 501
Ikejiri, M., see Mori 100 (1988) 523
Inazumi, T., see Hara 100 (1988) 490
Itoh, T., see Kamiyama 100 (1988) 466
Iura, J., see Kawaguchi 100 (1988) 220
Iura, J., H. Hishikura, M. Kamikatano and T. Kawaguchi, Changes in the porous structure of silica gels during the gel-to-glass conversion 100 (1988) 241
Iwamoto, Y., see Kamiya 100 (1988) 195
Izumitani, T., see Hara 100 (1988) 490

James, P.F., The gel t · glass transition: chemical and microstructural evolution 100 (1988) 93
James, P.F., see Chen 100 (1988) 353
Joglar, A., see Duran 100 (1988) 494

Kadono, K., see Nogami 100 (1988) 298
Kamikatano, M., see Iura 100 (1988) 241
Kamimura, S., see Hirashima 100 (1988) 394
Kamiya, K., Y. Iwamoto, T. Yoko and S. Sakka, Hydrolysis and condensation reactions of $Si(OC_2H_5)_4$ related to silica fiber drawing 100 (1988) 195
Kamiya, K., see Yoko 100 (1988) 283
Kamiyama, T., T. Itoh and K. Suzuki, A SAXS study of $V_2O_5 \cdot nH_2O$ sols and gels 100 (1988) 466
Kanbe, S., see Toki 100 (1988) 479
Kanbe, S., see Mori 100 (1988) 523
Katayama, S., see Tohge 100 (1988) 501
Kato, C., see Sugahara 100 (1988) 542
Kato, K., see Hirano 100 (1988) 538
Kawaguchi, T., H. Hishikura and J. Iura, Shrinkage behavior of silica gels during drying 100 (1988) 220
Kawaguchi, T., see Iura 100 (1988) 241
Kawasaki, H., see Yoshimatsu 100 (1988) 413
Kawazoe, H., see Yasumori 100 (1988) 215
Kawazoe, H., see Yamane 100 (1988) 506
Kim, S., see Butts 100 (1988) 514
Kishimoto, T., see Nogami 100 (1988) 298
Kitagawa, T., see Shibata 100 (1988) 269
Klein, L.C., see Gallo 100 (1988) 429
Kochi, A., see Toki 100 (1988) 479
Konishi, S., see Shingyouchi 100 (1988) 383
Konishi, S., K. Shingyouchi and A. Makishima, r-GRIN glass rods propared by a sol–gel method 100 (1988) 511
Kozuka, H., see Sakka 100 (1988) 142
Kozuka, H., H. Kuroki and S. Sakka, Flow characteristics and spinnability of sols prepared from silicon alkoxide solution 100 (1988) 226
Kuroda, K., see Sugahara 100 (1988) 542
Kuroki, H., see Kozuka 100 (1988) 226
Kusano, H., see González-Oliver 100 (1988) 274

LaCourse, W.C., see Cerqua 100 (1988) 471
LaCourse, W.C., see Butts 100 (1988) 514
Lee, B.I., see Park 100 (1988) 345
Lespade, P., see Woignier 100 (1988) 325
Lintner, B., N. Arfsten, H. Dislich, H. Schmidt, G. Philipp and B. Seiferling, A first look at the optical properties of ormosils 100 (1988) 378
Livage, J., see Sanchez 100 (1988) 65
Lours, T., J. Zarzycki, A. Craievich, D.I. Dos Santos and M. Aegerter, A SAXS study of kinetics of aggregation of silica sols 100 (1988) 207
Lours, T., see Ziemath 100 (1988) 211
Lours, T., see Craievich 100 (1988) 424
Luo, S. and K. Tian, Low temperature synthesis of monolithic silica glass from the system $Si(OC_2H_5)_4$–H_2O–HCl–$HOCH_2CH_2OH$ by the sol–gel method 100 (1988) 254

Mackenzie, J.D., Applications of the sol–gel process 100 (1988) 162
Mackenzie, J.D., see Tsuchiya 100 (1988) 284
Maddalena, A., M. Guglielmi, A. Raccanelli and P. Colombo, Influence of the dipping coating procedure on the mechanical strength of soda-lime glass rods 100 (1988) 461
Maki, T. and S. Sakka, Preparation of alumina fibers by sol–gel method 100 (1988) 303
Makishima, A., M. Asami and K. Wada, Preparation of CeO_2–TiO_2 coatings by the sol–gel process 100 (1988) 321
Makishima, A., see Shingyouchi 100 (1988) 383
Makishima, A., see Konishi 100 (1988) 511
Makishima, A. and T. Nagata, Application of the sol–gel process to lower the melting temperature of glaze 100 (1988) 519
Maliavski, N., see Guglielmi 100 (1988) 292
Manabe, S., see Mizuno 100 (1988) 236
Matsuda, A., see Tohge 100 (1988) 501
Matsuno, Y., see Tohge 100 (1988) 501
Mazon, P., see Duran 100 (1988) 494
Meerman, W.C.P.M., see Papanikolau 100 (1988) 247

Meeuwsen, T.P.M., see Papanikolau 100 (1988) 247
Mehrotra, R.C., Synthesis and reactions of metal alkoxides 100 (1988) 1
Minami, T., see Tohge 100 (1988) 501
Miranda Salvado, I.M., C.J. Serna and J.M. Fernandez Navarro, ZrO_2–SiO_2 materials prepared by sol–gel 100 (1988) 330
Miura, Y., see Osaka 100 (1988) 409
Miyashita, S., see Toki 100 (1988) 479
Mizuno, T., H. Nagata and S. Manabe, Attempts to avoid cracks during drying 100 (1988) 236
Mohallem, N.D.S. and M.A. Aegerter, Multilayer SiO_2 and TiO_2 coatings on glasses by the sol–gel process 100 (1988) 526
Moreira, J.E.C., see Ziemath 100 (1988) 211
Morelli, M.A., see Guglielmi 100 (1988) 292
Mori, T., M. Toki, M. Ikejiri, M. Takei, M. Aoki, S. Uchiyama and S. Kanbe, Silica glass tubes by new sol–gel method 100 (1988) 523
Mosset, A., I. Gautier-Luneau, J. Galy, P. Strehlow and H. Schmidt, Sol–gel processed $BaTiO_3$: structural evolution from the gel to the crystalline powder 100 (1988) 339
Muratake, R., see Hirashima 100 (1988) 394

Nagasaka, K., see Nogami 100 (1988) 298
Nagata, H., see Mizuno 100 (1988) 236
Nagata, M., see Yamada 100 (1988) 316
Nagata, T., see Makishima 100 (1988) 519
Nakanishi, K. and N. Soga, Adsorption of alcohol vapors on alkoxide-derived silica gels 100 (1988) 399
Nawata, K., see González-Oliver 100 (1988) 274
Nogami, M., K. Nagasaka, K. Kadono and T. Kishimoto, Toughened glass–ceramics containing ZrO_2 and Al_2O_3 prepared by the sol–gel process from metal alkoxides 100 (1988) 298

Orgaz-Orgaz, F., Gel to glass conversion: densification kinetics and controlling mechanisms 100 (1988) 115
Orgaz-Orgaz, F., Densification kinetics of porous colloidal P_2O_5-doped silica gels using constant heating rate measurements 100 (1988) 263
Osaka, A., M. Yuasa, Y. Miura and K. Takahashi, Sodium borosilicate glasses prepared by the sol–gel process 100 (1988) 409

Pantano, C.G., see Deng 100 (1988) 364
Papanikolau, E., W.C.P.M. Meerman, R. Aerts, T.L. van Rooij, J.G. van Lierop and T.P.M. Meeuwsen, Preparation of ultra-pure silica glass from autoclave-dried gels 100 (1988) 247
Park, S.Y. and B.I. Lee, Reaction sintering of gel derived ceramic composites 100 (1988) 345
Phalippou, J., see Woignier 100 (1988) 325
Phalippou, J., see Woignier 100 (1988) 404
Philipp, G., see Lintner 100 (1988) 378
Pierre, A.C., see Yang 100 (1988) 371
Pretti, W.L., see Ziemath 100 (1988) 211

Quinson, J.F., N. Tchipkam, J. Dumas, C. Bovier and J. Serughetti, Drying evolution of wet silica gels 100 (1988) 231

Raccanelli, A., see Maddalena 100 (1988) 461
Risbud, S.H., see Tredway 100 (1988) 278
Rogier, R., see Woignier 100 (1988) 325

Sakka, S. and H. Kozuka, Rheology of sols and fiber drawing 100 (1988) 142
Sakka, S., see Kamiya 100 (1988) 195
Sakka, S., see Hasegawa 100 (1988) 201
Sakka, S., see Kozuka 100 (1988) 226
Sakka, S., see Adachi 100 (1988) 250
Sakka, S., see Maki 100 (1988) 303
Sakka, S., see Yoko 100 (1988) 483
Sanchez, C., J. Livage, M. Henry and F. Babonneau, Chemical modification of alkoxide precursors 100 (1988) 65
Scarinci, G., see Guglielmi 100 (1988) 292
Scherer, G.W., Aging and drying of gels 100 (1988) 77
Schmidt, H., Chemistry of material preparation by the sol–gel process 100 (1988) 51
Schmidt, H., see Mosset 100 (1988) 339
Schmidt, H., see Lintner 100 (1988) 378
Schneider, M., see González-Oliver 100 (1988) 274
Scholze, H., see Hou 100 (1988) 418
Seiferling, B., see Lintner 100 (1988) 378
Serna, C.J., see Miranda Salvado 100 (1988) 330
Serughetti, J., see Quinson 100 (1988) 231
Shibata, S., T. Kitagawa and M. Horiguchi, Fabrication of fluorine-doped silica glasses by the sol–gel method 100 (1988) 269
Shingyouchi, K., A. Makishima, M. Tutumi, S. Takenouchi and S. Konishi, Determination of diffusion coefficient of titanium ion in TiO_2–SiO_2 wet gel prepared from metal alkoxides during leaching 100 (1988) 383
Shingyouchi, K., see Konishi 100 (1988) 511
Shinmei, M., see Tsukada 100 (1988) 435
Soga, N., see Tanabe 100 (1988) 388
Soga, N., see Nakanishi 100 (1988) 399
Sorarù, G.D., M. Guglielmi and R. Dal Maschio, Influence of sol–gel coatings on crack initiation by Vickers indentation in soda-lime glass 100 (1988) 440
Strehlow, P., see Mosset 100 (1988) 339
Sugahara, Y., Y. Takeda, K. Kuroda and C. Kato, The preparation of boron-doped silicon carbide powder by the carbo-

thermal reduction of oxides derived from the hydrolyzed methyltriethoxysilane 100 (1988) 542
Suzuki, K., see Kamiyama 100 (1988) 466

Takahashi, K., see Osaka 100 (1988) 409
Takahashi, T., see Yamane 100 (1988) 506
Takeda, Y., see Sugahara 100 (1988) 542
Takei, M., see Mori 100 (1988) 523
Takenouchi, S., see Shingyouchi 100 (1988) 383
Takeuchi, T., see Toki 100 (1988) 479
Tanabe, S., K. Hirao and N. Soga, ESR and Mössbauer studies of dispersed states of Fe^{3+} ions in silica gels 100 (1988) 388
Tanaka, K., see Yoko 100 (1988) 483
Tchipkam, N., see Quinson 100 (1988) 231
Teowee, G., see Uhlmann 100 (1988) 154
Tian, K., see Luo 100 (1988) 254
Tohge, N., A. Matsuda, T. Minami, Y. Matsuno, S. Katayama and Y. Ikeda, Fine-patterning on glass substrates by the sol–gel method 100 (1988) 501
Toki, M., S. Miyashita, T. Takeuchi, S. Kanbe and A. Kochi, A large-size silica glass produced by a new sol–gel process 100 (1988) 479
Toki, M., see Mori 100 (1988) 523
Tredway, W.K. and S.H. Risbud, Gel synthesis of glass powders in the $BaO–Al_2O_3–SiO_2$ system 100 (1988) 278
Tsuchiya, T., S. Yoshino, M. Fukuoka and J.D. Mackenzie, Synthesis of $CuO–Al_2O_3–SiO_2$ glasses from the sol–gel method and properties 100 (1988) 284
Tsukada, T., M. Shinmei and T. Yokokawa, Synthesis of fluorine doped silica gel and its properties at high temperature 100 (1988) 435
Tutumi, M., see Shingyouchi 100 (1988) 383

Uchiyama, S., see Mori 100 (1988) 523
Uhlmann, D.R., M.C. Weinberg and G. Teowee, Crystallization of gel-derived glasses 100 (1988) 154
Uhlmann, D.R., see Yang 100 (1988) 371
Ulrich, D.R., Prospects of sol–gel processes 100 (1988) 174

Van Lierop, J.G., see Papanikolau 100 (1988) 247
Van Rooij, T.L., see Papanikolau 100 (1988) 247
Villegas, M.A. and J.M. Fernández Navarro, Hydrolytic resistance of $Na_2O–B_2O_3–SiO_2$ gels prepared by sol–gel process 100 (1988) 453

Wada, K., see Makishima 100 (1988) 321
Wang, D., see Cheng 100 (1988) 288
Weinberg, M.C., see Uhlmann 100 (1988) 154
Woignier, T., P. Lespade, J. Phalippou and R. Rogier, $Al_2O_3–TiO_2$ and Al_2TiO_5 ceramic materials by the sol–gel process 100 (1988) 325
Woignier, T. and J. Phalippou, Mechanical stength of silica aerogels 100 (1988) 404

Yabuki, T., see Yoshimatsu 100 (1988) 413
Yamada, K., T.Y. Chow, T. Horihata and M. Nagata, A low temperature synthesis of zirconium oxide coating using chelating agents 100 (1988) 316
Yamane, M., see Yasumori 100 (1988) 215
Yamane, M., H. Kawazoe, A. Yasumori and T. Takahashi, Gradient-index glass rods of $PbO–K_2O–B_2O_3–SiO_2$ system prepared by the sol–gel process 100 (1988) 506
Yang, X., A.C. Pierre and D.R. Uhlmann, TEM study of boehmite gels and their transformation to α-alumina 100 (1988) 371
Yao, G., see Yuan 100 (1988) 309
Yasumori, A., H. Kawazoe and M. Yamane, The structural evolution of alkoxy-derived gel during drying 100 (1988) 215
Yasumori, A., see Yamane 100 (1988) 506
Yoko, T., see Kamiya 100 (1988) 195
Yoko, T., K. Kamiya, A. Yuasa, K. Tanaka and S. Sakka, Surface modification of a TiO_2 film electrode prepared by the sol–gel method and its effect on photoelectrochemical behavior 100 (1988) 483
Yokokawa, T., see Tsukada 100 (1988) 435
Yoshida, T., see Hirashima 100 (1988) 394
Yoshimatsu, H., T. Yabuki and H. Kawasaki, Properties of $ZrO_2–Al_2O_3$ composite powders prepared from Zr–Al metallo-organic compounds 100 (1988) 413
Yoshino, S., see Tsuchiya 100 (1988) 284
Yuan, L. and G. Yao, $TiO_2–SiO_2$ monolithic glass formation from sol–gel 100 (1988) 309
Yuasa, A., see Yoko 100 (1988) 483
Yuasa, M., see Osaka 100 (1988) 409

Zarzycki, J., see Lours 100 (1988) 207
Zarzycki, J., see Ziemath 100 (1988) 211
Zarzycki, J., Critical stress intensity factors of wet gels 100 (1988) 359
Zarzycki, J., see Craievich 100 (1988) 424
Ziemath, E.C., W.L. Pretti, M.A. Aegerter, J.E.C. Moreira, T. Lours and J. Zarzycki, Light scattering dynamic study of the gelation process 100 (1988) 211

Journal of Non-Crystalline Solids 100 (1988) 551–553
North-Holland, Amsterdam

SUBJECT INDEX

Aerogels
Applications, Catalysis 100 (1988) 169
Strength 100 (1988) 404

Alumina
Composites, Zirconia 100 (1988) 413
Electron Microscopy 100 (1988) 371
Fibers, Viscosity 100 (1988) 303

Amorphous Solids
Coatings, Silica 100 (1988) 394
Microstructure, Small Angle X-ray Scattering 100 (1988) 466
Silicates 100 (1988) 278
Stress Measurement, Thin Films 100 (1988) 471
Thin Films, Titania 100 (1988) 483

Applications
Aerogels, Catalysis 100 (1988) 169
Coatings 100 (1988) 501
Microstructure, Structure 100 (1988) 162
Nuclear Magnetic Resonance, Reactions 100 (1988) 542
Optical Properties 100 (1988) 174
Silicates 100 (1988) 519

Barium Titanate
Crystallization 100 (1988) 339

Catalysis
Aerogels, Applications 100 (1988) 169

Chemical Durability
Coatings, Thin Films 100 (1988) 531

Chromatography
Metal Alkoxide, Reactions 100 (1988) 201

Coatings
Amorphous Solids, Silica 100 (1988) 394
Applications 100 (1988) 501
Chemical Durability, Thin Films 100 (1988) 531
Optical Properties 100 (1988) 494
Optical Properties 100 (1988) 526
Organic–Inorganic Hybrids 100 (1988) 418
Organic–Inorganic Hybrids, Thin Films 100 (1988) 490
Silica 100 (1988) 514
Silicates, Strength 100 (1988) 440
Silicates, Strength 100 (1988) 461
Titania 100 (1988) 321
Zirconia 100 (1988) 316

Colloids
Silica, Densification 100 (1988) 263
Silicates 100 (1988) 364

Composites
Alumina, Zirconia 100 (1988) 413
Fibers 100 (1988) 345

Crystallization
Barium Titanate 100 (1988) 339
Lithium Niobate, Thin Films 100 (1988) 538
Phase Separation, Silicates 100 (1988) 353
Reactions 100 (1988) 154
Zirconia 100 (1988) 330

Densification
Drying 100 (1988) 274
Drying, Optical Fibers 100 (1988) 247
Drying, Silica 100 (1988) 479
Drying Control Additive, Differential Thermal Analysis 100 (1988) 93
Drying Control Additive, Metal Alkoxide 100 (1988) 250
Microstructure 100 (1988) 115
Microstructure 100 (1988) 241
Optical Fibers 100 (1988) 269
Silica, Colloids 100 (1988) 263
Silicates 100 (1988) 288
Titania 100 (1988) 325

Density
Raman Spectra, Silica 100 (1988) 292

Differential Thermal Analysis
Densification, Drying Control Additive 100 (1988) 93
Microstructure, Silicates 100 (1988) 409

Diffusion
Electron Spin Resonance, Silica 100 (1988) 435
Optical Fibers 100 (1988) 383
Optical Properties, Silicates 100 (1988) 506
Optical Properties, Silicates 100 (1988) 511

Drying
Densification 100 (1988) 274
Densification, Optical Fibers 100 (1988) 247
Densification, Silica 100 (1988) 479
Metal Alkoxide, Structure 100 (1988) 215
Microstructure 100 (1988) 231
Microstructure 100 (1988) 236

Microstructure 100 (1988) 254
Microstructure, Reactions 100 (1988) 220
Reactions 100 (1988) 77

Drying Control Additive
Densification, Differential Thermal Analysis 100 (1988) 93
Densification, Metal Alkoxide 100 (1988) 250

Electron Microscopy
Alumina 100 (1988) 371

Electron Spin Resonance
Diffusion, Silica 100 (1988) 435
Mössbauer Effect, Silica 100 (1988) 388

Fibers
Alumina, Viscosity 100 (1988) 303
Composites 100 (1988) 345
Metal Alkoxide, Reactions, Viscosity 100 (1988) 226
Reactions, Viscosity 100 (1988) 142
Viscosity 100 (1988) 195

Fractals
Microstructure, Silica 100 (1988) 399
Small Angle X-ray Scattering, Silica 100 (1988) 424

Glass Ceramics
Metal Alkoxide, Silicates 100 (1988) 298

Light Scattering
Reactions 100 (1988) 211

Lithium Niobate
Crystallization, Thin Films 100 (1988) 538

Metal Alkoxide
Chromatography, Reactions 100 (1988) 201
Densification, Drying Control Additive 100 (1988) 250
Drying, Structure 100 (1988) 215
Fibers, Reactions, Viscosity 100 (1988) 226
Glass Ceramics, Silicates 100 (1988) 298
Reactions, Structure 100 (1988) 31
Reactions 100 (1988) 1
Reactions 100 (1988) 16
Reactions 100 (1988) 65
Reactions 100 (1988) 309

Microstructure
Amorphous Solids, Small Angle X-ray Scattering 100 (1988) 466
Applications, Structure 100 (1988) 162
Densification 100 (1988) 115
Densification 100 (1988) 241
Differential Thermal Analysis, Silicates 100 (1988) 409
Drying 100 (1988) 231
Drying 100 (1988) 236
Drying 100 (1988) 254
Drying, Reactions 100 (1988) 220
Fractals, Silica 100 (1988) 399
Silicates 100 (1988) 453

Mössbauer Effect
Electron Spin Resonance, Silica 100 (1988) 388

Nuclear Magnetic Resonance
Applications, Reactions 100 (1988) 542

Optical Fibers
Densification 100 (1988) 269
Densification, Drying 100 (1988) 247
Diffusion 100 (1988) 383

Optical Properties
Applications 100 (1988) 174
Coatings 100 (1988) 494
Coatings 100 (1988) 526
Diffusion, Silicates 100 (1988) 506
Diffusion, Silicates 100 (1988) 511
Organic–Inorganic Hybrids 100 (1988) 378
Silicates 100 (1988) 447

Organic–Inorganic Hybrids
Coatings 100 (1988) 418
Coatings, Thin Films 100 (1988) 490
Optical Properties 100 (1988) 378
Reactions 100 (1988) 51

Phase Separation
Crystallization, Silicates 100 (1988) 353
Silicates 100 (1988) 284

Raman Spectra
Density, Silica 100 (1988) 292

Reactions
Applications, Nuclear Magnetic Resonance 100 (1988) 542
Chromatography, Metal Alkoxide 100 (1988) 201
Crystallization 100 (1988) 154
Drying 100 (1988) 77
Drying, Microstructure 100 (1988) 220
Fibers, Metal Alkoxide, Viscosity 100 (1988) 226
Fibers, Viscosity 100 (1988) 142
Light Scattering 100 (1988) 211
Metal Alkoxide 100 (1988) 1
Metal Alkoxide 100 (1988) 16
Metal Alkoxide 100 (1988) 65
Metal Alkoxide 100 (1988) 309
Metal Alkoxide, Structure 100 (1988) 31
Organic–Inorganic Hybrids 100 (1988) 51
Silica 100 (1988) 523
Silica, Viscosity 100 (1988) 429
Small Angle X-ray Scattering 100 (1988) 207

Silica
Amorphous Solids, Coatings 100 (1988) 394

Coatings 100 (1988) 514
Colloids, Densification 100 (1988) 263
Densification, Drying 100 (1988) 479
Density, Raman Spectra 100 (1988) 292
Diffusion, Electron Spin Resonance 100 (1988) 435
Electron Spin Resonance, Mössbauer Effect 100 (1988) 388
Fractals, Microstructure 100 (1988) 399
Fractals, Small Angle X-ray Scattering 100 (1988) 424
Reactions 100 (1988) 523
Reactions, Viscosity 100 (1988) 429
Strength 100 (1988) 359

Silicates
Amorphous Solids 100 (1988) 278
Applications 100 (1988) 519
Coatings, Strength 100 (1988) 440
Coatings, Strength 100 (1988) 461
Colloids 100 (1988) 364
Crystallization, Phase Separation 100 (1988) 353
Densification 100 (1988) 288
Differential Thermal Analysis, Microstructure 100 (1988) 409
Diffusion, Optical Properties 100 (1988) 506
Diffusion, Optical Properties 100 (1988) 511
Glass Ceramics, Metal Alkoxide 100 (1988) 298
Microstructure 100 (1988) 453
Optical Properties 100 (1988) 447
Phase Separation 100 (1988) 284

Small Angle X-ray Scattering
Amorphous Solids, Microstructure 100 (1988) 466
Fractals, Silica 100 (1988) 424
Reactions 100 (1988) 207

Strength
Aerogels 100 (1988) 404
Coatings, Silicates 100 (1988) 440
Coatings, Silicates 100 (1988) 461
Silica 100 (1988) 359

Stress Measurement
Amorphous Solids, Thin Films 100 (1988) 471

Structure
Applications, Microstructure 100 (1988) 162
Drying, Metal Alkoxide 100 (1988) 215
Metal Alkoxide, Reactions 100 (1988) 31

Thin Films
Amorphous Solids, Stress Measurement 100 (1988) 471
Amorphous Solids, Titania 100 (1988) 483
Chemical Durability, Coatings 100 (1988) 531
Coatings, Organic–Inorganic Hybrids 100 (1988) 490
Crystallization, Lithium Niobate 100 (1988) 538

Titania
Amorphous Solids, Thin Films 100 (1988) 483
Coatings 100 (1988) 321
Densification 100 (1988) 325

Viscosity
Alumina, Fibers 100 (1988) 303
Fibers 100 (1988) 195
Fibers, Metal Alkoxide, Reactions 100 (1988) 226
Fibers, Reactions 100 (1988) 142
Reactions, Silica 100 (1988) 429

Zirconia
Coatings 100 (1988) 316
Composites, Alumina 100 (1988) 413
Crystallization 100 (1988) 330